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Access DB# 135285

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Dwayne Bast Examiner #: 68951 Date: 10/15/04  
Art Unit: 2600 Phone Number 30 Serial Number: 1016221224  
Mail Box and Bldg/Room Location: CPL2 8A37 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

US 5889070

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## STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>KEJ</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	<u>Dialog</u>
Searcher Location: _____	Structure (#) _____	<u>Questel/Orbit</u>
Date Searcher Picked Up: <u>10/15/04</u>	Bibliographic _____	Dr Link _____
Date Completed: <u>10/18/04</u>	Litigation <u>X</u>	<u>Lexis/Nexis</u>
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>25</u>	Other _____	Other (specify) _____

Query/Command : prt max legalall

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1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

**PN** -  US5887070 A 19990323 [US5887070]  
**TI** - (A) High fidelity insert earphones and methods of making same  
**PA** - (A) ETYMOTIC RESEARCH INC (US)  
**PA0** - Etymotic Research, Inc., Elk Grove Village IL [US]  
**IN** - (A) ISEBERG STEVEN J (US); WILSON DONALD L (US)  
**AP** - US77064796 19961219 [1996US-0770647]  
**FD** - Cont. of US597940 19960207 [1996US-0597940] (Abandoned)  
           Cont. of US430698 19950427 [1995US-0430698] (Abandoned)  
           Cont. of US880244 19920508 [1992US-0880244] (Abandoned)  
**PR** - US43069895 19950427 [1995US-0430698]  
           US59794096 19960207 [1996US-0597940]  
           US77064796 19961219 [1996US-0770647]  
           US88024492 19920508 [1992US-0880244]  
**IC** - (A) H04R-025/00  
**EC** - H04R-001/10B  
**PCL** - ORIGINAL (O) : 381380000; CROSS-REFERENCE (X) : 181130000  
           381328000  
**DT** - Basic  
**CT** - US2430229; US2971065; US3408461; US3529102; US3671685; US3789164;  
           US3819860; US4170720; US4447677; US4520236; US4592087; US4646872;  
           US4677675; US4677679; US4689819; US4739512; US4763753; US4781196;  
           US4852177; US4852683; US4870688; US5099856; US5113967; US5128566;  
           US5131046; US5144675; JP0043700; JP0238196; JP0290295; GB2155276  
           Knopf Im Ohr, pp. 34,35, Audio Jul., 1993.  
  
           Little Feat, p. 36, Audio Jul., 1993.  
  
           pp. 135,136, Audio Jul., 1993.  
  
           M.C. Killion; "An \*Acoustically Invisible\* Hearing Aid", Hearing Instruments,  
           vol. 39, No. 10, 1988.  
  
           M.C. Killion, T.W. Tillman, "Evaluation of High-Fidelity Hearing Aids", Journal  
           of Speech and Hearing Research, vol. 25, 15-25, Mar., 1982.  
  
           M.C. Killion and W.J. Murphy; "Smoothing The ITE Response: The BF-1743  
           Damped Coupling Assembly" Apr., 1981.  
**STG** - (A) United States patent  
**AB** - An insert earphone is provided in which a piece of foam material is used to  
           resiliently mount a receiver within a chamber portion of a one-piece plastic  
           housing member. The receiver has an output port extending through a central  
           aperture of the piece of foam material and into one end of a passage defined by a  
           tubular portion of the housing member with a damper being disposed in the other  
           end of the passage. The tubular portion is inserted into an ear tip or other

coupling device and has an enlarged diameter end section to achieve a locking action. Two such insert earphones may be coupled through cables to a junction unit and filters are provided for enhancing the drive of the earphones at high frequencies, the filters being preferably mounted in the junction unit.

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1 / 1 LGST - ©EPO

**PN** -  US5887070 A 19990323 [US5887070]

**AP** - US77064796 19961219 [1996US-0770647]

**ACT** - 19970428 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: BOREALIS TECHNICAL LIMITED 27 HEATHWAY COURT

LONDO; EFFECTIVE DATE: 19970404

19970428 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: EDELSON, JONATHAN SIDNEY; EFFECTIVE DATE: 19970404

20000509 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20000121

20000926 US/RF-A


REISSUE APPLICATION FILED

EFFECTIVE DATE: 20000121

**UP** - 2003-22

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1 / 1 CRXX - ©CLAIMS/RRX

**PN** -  5,887,070 A 19990323 [US5887070]

**PA** - Etymotic Res Inc

**ACT** - 20000121 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20000509

REISSUE REQUEST NUMBER: 09/489441

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2747

Reissue Patent Number: USRE38351

20000121 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20000926

REISSUE REQUEST NUMBER: 09/489441

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2747

Reissue Patent Number: USRE38351

Search statement 2

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5887070

LEXIS-NEXIS  
Library: PATENT  
File: ALL

<=1> GET 1st DRAWING SHEET OF 5

March 23, 1999

High fidelity insert earphones and methods of making same

REISSUE: Reissue Application filed Jan. 21, 2000 (O.G. Sep. 26, 2000) Ex. Gp.:  
2747; Re. S.N. 09/489,441 Reissue Application filed Jan. 21, 2000 (O.G. May 9,  
2000) Ex. Gp.: 2747; Re. S.N. 09/489,441, (O.G. September 26, 2000)  
December 16, 2003 - This Patent was reissued as Reissue Patent RE 38,351 (O.G.  
December 16, 2003)

APPL-NO: 770647 (08)

FILED-DATE: December 19, 1996

GRANTED-DATE: March 23, 1999

CORE TERMS: earphone, receiver, housing, damper, cable, coupling, port,  
chamber, acoustic, audiophile ...

5,887,070 OR 5887070

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: CASES**

Your search request has found no CASES.

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5,887,070 OR 5887070

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: JNLS**

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5,887,070 OR 5887070

**LEXIS-NEXIS**  
Library: **NEWS**  
File: **CURNWS**

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